Syllabus for Paper II.

PROBABILITY: Definition—Addition and Multiplication of probabilities—the binomial distribution—First two moments—The normal distribution, the normal curve and its properties—Areas of the normal curve—Random Variable and probability distribution.

SAMPLE AND POPULATION: Random sampling—Mean of a sample and inference about the population mean—Large sample tests for the significance of a mean and of the difference between two means—Simple applications of the t and x^2 tests.

Application of Statistical methods to

1. DEMOGRAPHY—Census of population—Birth and Death rates Crude and standardised rates—Growth of population.
2. ECONOMICS AND INDUSTRY—Time series, trend and seasonal variations, method of moving averages—Index numbers of prices and cost of living, weighted Arithmetic mean—Quality control charts.
3. EDUCATION AND PSYCHOLOGY—Standard scores—Intelligence tests—Coefficient of reliability—Spearman's method of Rank Correlation.
4. BIOLOGY AND AGRICULTURE—Coefficient of heredity—Genetic selection—simple designs of experiments, Randomised blocks and Latin Square designs.

(Only descriptive treatment of the applications is required)

Text-Books—

Brooks and Dick	:	Introduction to Statistical Methods
Gavett	:	First Course in Statistical Method
R.G.D. Allen	:	Statistics for Economists
Arkin and Colton	:	An Outline of Statistical Methods
Mills F.C.	:	Statistical Methods

Books for Reference:

Burges	:	Introduction to the Mathematics of Statistics.
Bannister	:	Elementary applications of statistical methods.
Brijnarain	:	Curve fitting for students of Economics.
Clark	:	Slide rule and Logarithmic tables
Gavett	:	Statistics in Psychology and Education.
Tippet	:	Statistics (Home University Library)
G. V. Krishnaswamy	:	Statistics
Yule and Kendall	:	Introduction to the Theory of Statistics.
Quenouille	:	Introductory Statistics
Bowley A. L.	:	An Elementary Manual of Statistics.
Elderton	:	Primer of Statistics
Jones	:	A First Course in Statistics, Parts I and II.

(Letter No. E. 10534, dated 31-1-1952, from the Education Secretary to Government, Bangalore.)

885

Notification No. Ex. 3-765—51-52, dated 18th June 1952.

AMENDMENT No. 125.

Introduction of Statistics as an Optional Subject for the Intermediate in Arts and Intermediate Science.

Ordinance 66 and 67—Pages 57 and 58 of the University Calendar, Vol. I for 1947-48—are amended as under :—

(A) Ordinance 66: (Page 57 of Calendar) item No. 3 Under optional subjects :

(i) *Add* "Statistics" after "Economics"

(ii) *Add* the following as note (v) :

"Candidates taking Statistics must take Mathematics."

(B) Ordinance 67 : (Page 58 of Calendar) item No. 3 under optional Subjects :

Add the following groups :—

Mathematics, Statistics, Economics
Mathematics, Statistics, Social Science
Mathematics, Statistics, Psychology
Mathematics, Statistics, Physics

(Letter No. E. 3240, dated 18th June 1952, from the Education Secretary to Government, Bangalore.)

885 (a)

Notification dated 16th September 1952.

No. Ex. 2-311—52-53. All the University Examinations (except Engineering Examinations) will be held between *2 p.m. and 5 p.m. on Friday the 26th September 1952 instead of between 8 and 11 a.m.*

On other days the examinations will be held as usual between 8 A.M. and 11 A.M.

C. RANGACHAR,
Registrar.

875

DEPARTMENT OF PUBLIC INSTRUCTION

OFFICE OF THE DIRECTOR OF PUBLIC INSTRUCTION IN MYSORE, BANGALORE.

Notification dated 13th September 1952.

No. F. Dis. Gl. 18968-328—52-3. The following members are appointed, in addition to the non-official President of the local Town Municipal Council, to serve on the Managing Committee of the Municipal High School, Anekal, in place of the existing non-official members representing the local Municipality.

1 Sri M. Keshava Rao, Member, Town Municipal Council. Anekal.
2 Sri S. Nanjappa, do do

J. B. MALLARADHYA,
Director.

4606

OFFICE OF THE HEAD MASTER, GOVERNMENT MARIMALLAPPA'S PRACTISING HIGH SCHOOL, MYSORE.

Memo dated 15th September 1952.

Refund of fees due to the students of this school for the year 1951-52 on account of the awards of Scholarships and Fee Concessions has been drawn from the Treasury. The students to whom refund of fees is due are hereby informed that they should make their own arrangements to receive their amount, or they may send a receipt in the form noted below along with a requisition to the undersigned to remit the amount by M.O. after deducting the Money Order commission.

If they do not claim the amount within one month from the date of publication of this notification in the *Mysore Gazette*, the amount will be remitted to the Treasury and they will forfeit their further claim to it.

In this connection, requisitions received by this office without a self-addressed stamped letter for reply, will not be complied with.

Form of receipt to be sent.

Received from the Head Master, Government Marimallappa's Practising High School, Mysore, the sum of Rs. (in words).....only being the refund of fees due to me for the year 1951-52.

B. BASAPPA,
Head Master.

4642

OFFICE OF THE HEAD MASTER, GOVERNMENT BOYS' HIGH SCHOOL, HASSAN.

Notification dated 10th September 1952.

No. C. 3—52-53. It is hereby notified for the information of the concerned that the scholarship and free-studentship holders of this school during the year 1951-52, to whom refund of fees is due, may claim the same and receive it within a month from this date, failing which the amount will be treated as forfeited and remitted back to the Treasury.

H. V. SRIRANGARAJ,
Head Master.

4555